

JENKINS  
WILSON  
& TAYLOR

patent attorneys

November 29, 2004



"Express Mail" mailing number EV501977520US

Date of Deposit November 29, 2004

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Shayler E. Dunn

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 09/735,142 for  
METHODS AND SYSTEMS FOR ROUTING MESSAGES IN A RADIO  
ACCESS NETWORK  
Our File No. 1322/61

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

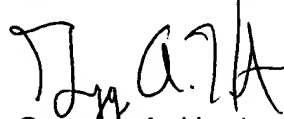
1. An Amendment Transmittal Form with Petition for Extension of Time (2 pages) in duplicate;
2. An Amendment A (30 pages);
3. A Supplemental Information Disclosure Statement (3 pages);
4. Form PTO-1449 (3 pages) in duplicate;
5. Twenty-four (24) cited references;
6. Copies of previously-filed, unacknowledged Supplemental Information Disclosure Statements;
7. Fee Transmittal (Form PTO/SB/17) in duplicate;
8. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon; and
9. A Certificate of Express Mail No.: EV501977520US.

Commissioner for Patents  
November 29, 2004  
Page 2

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account Number 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

A handwritten signature in black ink, appearing to read "G. A. Hunt", is written over the printed name.

Gregory A. Hunt  
Registration No. 41,085  
Customer No. 25297

GAH/TT/gwc/sed

Enclosures



Practitioner's Docket No. 1322/6

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Benedyk et al.

Application No.: 09/735,142

Group No.: 2667

Filed: 12/12/2000

Examiner: Blanche Wong

For: METHODS AND SYSTEMS FOR ROUTING MESSAGES IN A RADIO ACCESS NETWORK

**Commissioner for Patents**

**P.O. Box 1450**

**Alexandria, VA 22313-1450**

**AMENDMENT TRANSMITTAL**

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. Applicant is other than a small entity.

**EXTENSION OF TERM**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for three months:

Fee: \$980.00

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**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

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Express Mail certification is optional.)*

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**37 C.F.R. § 1.8(a)**

☐ with sufficient postage as first class mail.

**37 C.F.R. § 1.10\***

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Mailing Label No. **EV501977520US** (mandatory)

**TRANSMISSION**

☐ facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

  
Signature

Date: November 29, 2004

Shaylor E. Dunn

*(type or print name of person certifying)*

*\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.*

### FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)	OTHER THAN A SMALL ENTITY				
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA			RATE		ADDIT. FEE
TOTAL	66	— 55	= 11	x	\$	18.00	=	\$ 198.00
INDEP.	16	— 7	= 9	x	\$	88.00	=	\$ 792.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+	\$	0.00	=	\$ 0.00
TOTAL ADDIT. FEE								\$ 990.00

Total additional fee for claims required \$990.00

### FEE PAYMENT

5. Authorization is hereby made to charge the amount of \$2,150.00 (\$980.00, Extension of Time Fee; \$990.00, Additional Claim Fee; and \$180.00, Submission of Information Disclosure Statement) to Deposit Account No. 50-0426.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

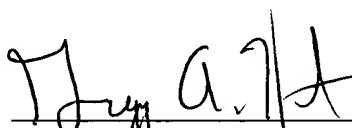
A duplicate of this paper is attached.

Date: November 29, 2004

Reg. No.: 41,085

Tel. No.: 001-919-493-8000

Customer No.: 25297



Signature of Practitioner

Gregory A. Hunt

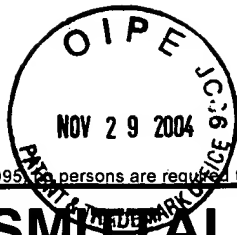
JENKINS, WILSON & TAYLOR, P.A.

Suite 1400 University Tower

3100 Tower Boulevard

Durham, NC 27707

USA



PTO/SB/17 (10-04)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL

## for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 2,150.00

**Complete if Known**

Application Number	09/735,142
Filing Date	December 12, 2000
First Named Inventor	Robby Darren Benedyk
Examiner Name	Blanche Wong
Art Unit	2667
Attorney Docket No.	1322/61

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

50-0426

Jenkins, Wilson &amp; Taylor, P.A.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	980.00
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,370	2453 685	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) Additional Claims Fee			990.00
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$)			2,150.00

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Gregory A. Hunt	Registration No. (Attorney/Agent)	41,085	Telephone	001-919-493-8000
Signature		Date	November 29, 2004		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Information  
Disclosure StatementApplication  
Number: 09/735,142  
Attorney Docket  
Number: 1322/61**METHODS AND SYSTEMS FOR ROUTING  
MESSAGES IN A RADIO ACCESS  
NETWORK**

First Named Inventor: Mr. Robby Darren Benedyk

## SUBMITTED BY

Name: Mr. Gregory A. Hunt  
Registration Number: 41,085  
Electronic Signature Mark: Gregory  
A. Hunt Date Signed: 20021031

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

## Attached Files:

us-information-disclosure-statement

1322-61lds.xml

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Comments:

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# Electronic Information Disclosure Statement



## METHODS AND SYSTEMS FOR ROUTING MESSAGES IN A RADIO ACCESS NETWORK

Application: \*09/735142\*

09/735142

Confirmation: 5514

Applicant(s): Robby Benedyk

Docket  
Number: 1322/61

Group Art  
Unit:

Examiner: Douglas W. Olms

search string: ( 6366655 or 6324183 or 6236722 or 6215783 or 6201804 or 6195425 or 6157710 or 6154467 or 6151390 or 6144670 or 6144667 or 6137874 or 6137869 or 6134246 or 6134235 or 6128379 or 6125177 or 6125111 or 6122365 or 6122263 or 6122255 or 6119160 or 6118780 or 6118779 or 6115383 or 6112090 or 6111893 or 6097805 or 6097719 or 6094437 or 6084956 or 6084892 or 6079036 or 6078582 or 6075783 or 6069890 or 6067546 or 6064653 or 6047005 or 6026091 or 6023502 or 6021126 or 6018515 or 6014379 or 6011803 or 6011794 or 6011780 or 6006098 or 5995608 or 5991301 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

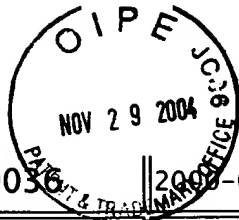
init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	6366655	2002-04-02	*6366655*	Book et al.	379	114.28
	P02	6324183	2001-11-27	*6324183*	Miller et al.	370	467
	P03	6236722	2001-05-22	*6236722*	Gilbert et al.	379	230
	P04	6215783	2001-04-10	*6215783*	Neyman	370	353



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P05	6201804	2001-03-13	*6201804*	Kikinis	370	352
P06	6195425	2001-02-27	*6195425*	Farris	379	230
P07	6157710	2000-12-05	*6157710*	Figurski et al.	379	230
P08	6154467	2000-11-28	*6154467*	Hager et al.	370	467
P09	6151390	2000-11-21	*6151390*	Volftsun et al.	379	229
P10	6144670	2000-11-07	*6144670*	Sponaugle et al.	370	401
P11	6144667	2000-11-07	*6144667*	Doshi et al.	370	401
P12	6137874	2000-10-24	*6137874*	Brown et al.	379	220
P13	6137869	2000-10-24	*6137869*	Voit et al.	379	114
P14	6134246	2000-10-17	*6134246*	Cai et al.	370	474
P15	6134235	2000-10-17	*6134235*	Goldman et al.	370	352
P16	6128379	2000-10-03	*6128379*	Smyk	379	230
P17	6125177	2000-09-26	*6125177*	Whittaker	379	243
P18	6125111	2000-09-26	*6125111*	Snow et al.	370	360
P19	6122365	2000-09-19	*6122365*	Yegoshin	379	266
P20	6122263	2000-09-19	*6122263*	Dahlin et al.	370	329
P21	6122255	2000-09-19	*6122255*	Bartholomew et al.	370	237
P22	6119160	2000-09-12	*6119160*	Zhang et al.	709	224
P23	6118780	2000-09-12	*6118780*	Dunn et al.	370	355
P24	6118779	2000-09-12	*6118779*	Madonna	370	353
P25	6115383	2000-09-05	*6115383*	Bell et al.	370	400
P26	6112090	2000-08-29	*6112090*	Valentine	455	445
P27	6111893	2000-08-29	*6111893*	Volftsun et al.	370	466
P28	6097805	2000-08-01	*6097805*	Figurski et al.	379	230
P29	6097719	2000-08-01	*6097719*	Benash et al.	370	352
P30	6094437	2000-07-25	*6094437*	Loehndorf, Jr. et al.	370	420
P31	6084956	2000-07-04	*6084956*	Turner et al.	379	230
P32	6084892	2000-07-04	*6084892*	Benash et al.	370	701

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P33	6079036	2000-06-20	*6079036*	Moharram	714	712
P34	6078582	2000-06-20	*6078582*	Curry et al.	370	356
P35	6075783	2000-06-13	*6075783*	Voit	370	352
P36	6069890	2000-05-30	*6069890*	White et al.	370	352
P37	6067546	2000-05-23	*6067546*	Lund	707	10
P38	6064653	2000-05-16	*6064653*	Farris	370	237
P39	6047005	2000-04-04	*6047005*	Sherman et al.	370	522
P40	6026091	2000-02-15	*6026091*	Christie et al.	370	395
P41	6023502	2000-02-08	*6023502*	Bouanaka et al.	379	115
P42	6021126	2000-02-01	*6021126*	White et al.	370	352
P43	6018515	2000-01-25	*6018515*	Sorber	370	229
P44	6014379	2000-01-11	*6014379*	White et al.	370	389
P45	6011803	2000-01-04	*6011803*	Bicknell et al.	370	467
P46	6011794	2000-01-04	*6011794*	Mordowitz et al.	370	389
P47	6011780	2000-01-04	*6011780*	Vaman et al.	370	237
P48	6006098	1999-12-21	*6006098*	Rathnasabapathy et al.	455	461
P49	5995608	1999-11-30	*5995608*	Detampel, Jr. et al.	379	205
P50	5991301	1999-11-23	*5991301*	Christie	370	395

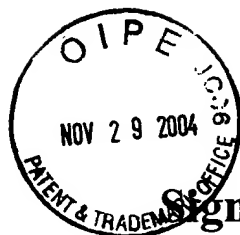
## Remarks

(Remarks are not for responding to an office action.)

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98 Applicant's attorney brings to the attention of the Patent and Trademark Office the documents cited in this Information Disclosure Statement. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited. Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

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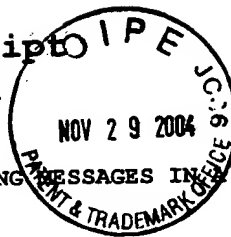


Signature

Examiner Name	Date

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# Acknowledgment Receipt



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SUBMISSION TYPE: Information Disclosure Statement

APPLICATION NUMBER: 09735142

FIRST NAMED INVENTOR: Robby Benedyk

TITLE OF INVENTION: METHODS AND SYSTEMS FOR ROUTING MESSAGES IN

RADIO ACCESS NETWORK

ATTORNEY DOCKET NUMBER: 1322/61

## FILE LISTING:

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us-information-disclosure-statement 1322-61ids.xml 23653 Bytes  
us-information-disclosure-statement us-ids.dtd 11983 Bytes  
us-information-disclosure-statement e-idssta.xml 17508 Bytes

EFS ID: 19378

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TIMESTAMP: Thu Oct 31 10:42:47 EST 2002

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DIGITAL CERTIFICATE HOLDER NAME: cn=Gregory A. Hunt, ou=Registered Attorneys

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